

MATERIAL SAFETY DATA SHEET  
May be used to comply with  
OSHA's Hazard Communication  
Standard, 29 CFR 1910.1200.  
Standard must be consulted  
for specific requirements.

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health  
Administration  
(Non Mandatory Form)  
Form Approved  
OMB No 1218-0072

H.M.I.S. RATING  
HEALTH 1  
FLAMMABILITY: 2  
REACTIVITY: 1  
PERSONAL PRO-  
TECTIVE EQUIP:

#### ASPHALT ROOFING COMPOUND

IDENTITY (as used on label and list)

NOTE: Blank spaces are not permitted, if any item is not applicable, or no information is available, the space must be marked to indicate that.

ALUMINUM ROOF COATING

#### SECTION I

Manufacturer's Name MONSEY BAKOR	Emergency Telephone Number 610-933-8888
ADDRESS (Number, Street, City, State and Zip Code) P O BOX 388	Telephone Number for Information 610-933-8888
COLD STREAM ROAD	Date Prepared Supersedes Sheet # 3 10/298 1/16/98
KIMBERTON, PA 19442	Signature of Preparer (optional)

#### SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specify Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
CASE		TWA		
PETROLEUM DISTILLATE	8052-41-3	100 PPM		
ALUMINUM METAL	7429-90-5	10mg/M <sup>3</sup>		
ASPHALT	8052-42-4	5mg/M <sup>3</sup>		

THERE ARE NO SARA 313 INGREDIENTS IN THIS MATERIAL IN EXCESS OF DE MINIMUS AMOUNTS.

#### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Pt.	310 - 400°F	Weight per gallon	8.2
Vapor Pressure (mm Hg)	2 @ 68°F	Melting Point	N/A Liquid
Vapor Density (Air=1)	Heavier	Evaporation Rate (Butyl Acetate=1)	Slower
Solubility in Water	None		

Appearance and Odor: Black fluid, odor characteristic of Petroleum solvent

#### SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): SETA 105°	Flammable Limits	LEL	0.9%	UEL	6.0%
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EXTINGUISHING MEDIA: Foam, CO<sub>2</sub>, Dry Chemical AVOID WATER, AVOID HALOGENATED EXTINGUISHING MEDIA LIKE HALON OR CARBON TETRACHLORIDE

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not mix or store with strong oxidants like liquid chlorine or oxygen or water. Re-ignition may occur due to high localized heat or spontaneous heating. To avoid re-ignition, the residual material must be immediately smothered. Keep containers tightly closed. Closed containers may explode when exposed to extreme heat. Water contamination in product may lead to generation of hydrogen gas. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

(Reproduce Locally)

OSHA 174, Sept. 1985

**STABILITY**

Stable	X
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**INCOMPATIBILITY (Materials to Avoid):** Strong Oxidants**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Fumes, Smoke and Carbon Dioxide Carbon Monoxide if combustion is incomplete.**HAZARDOUS  
POLYMERIZATION**

May Occur		Conditions to Avoid
Will not Occur	X	

**SECTION VI HEALTH HAZARD DATA****ROUTE(S) OF ENTRY:** Inhalation? Yes Eyes? Yes Skin? Yes Ingestion? Yes**HEALTH HAZARDS (Acute and Chronic):** Prolonged or repeated skin contact can cause moderate irritation, defatting, dermatitis. Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.**EMERGENCY AND FIRST AID PROCEDURES:** Remove from vapors immediately. If overcome, call a physician. If breathing stopped or irregular, start resuscitation or administer oxygen, as needed.**IF IN EYES:** Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.**IF ON SKIN:** Remove contaminated clothes, and wash with water less hand cleaner or soap and water.**IF INGESTED:** Do not induce vomiting. Get medical attention.**IF INHALED:** Overexposure to vapors causes eye irritation, blurred vision, dizziness, headaches even unconsciousness.**SECTION VII—PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove sources of ignition. Keep people away. Recover free liquid. Add absorbent (sand, earth, sawdust, etc.) to spill area. Avoid breathing vapors. Ventilate confined spaces. Open all windows and doors. Keep products out of sewers and watercourses by diking or impounding and advise authorities.**WASTE DISPOSAL METHOD:** Assure conformity with applicable disposal regulations.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants. Adequate ventilation required.**OTHER PRECAUTIONS:** Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.**SECTION VIII CONTROL MEASURES****RESPIRATORY PROTECTION (Specify Type):** Use hydrocarbon vapor canister or supplied-air respiratory protection in confined or enclosed spaces if needed.

<b>VENTILATION</b>	<b>LOCAL EXHAUST:</b>	Face Velocity 60 fpm
	<b>SPECIAL:</b>	Use only with adequate ventilation
	<b>MECHANICAL (General):</b>	
	<b>OTHER:</b>	

**PROTECTIVE GLOVES:** Use chemical-resistant gloves if needed to avoid repeated or prolonged skin contact.**EYE PROTECTION:** Use splash goggles or face shield when eye contact may occur.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Use chemical-resistant apron or other clothing to avoid repeated or prolonged skin contact.**WORK HYGIENIC PRACTICES:** Use good hygiene when using all chemical products.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Storing away from sources of ignition. Avoid heat.

**OTHER PRECAUTIONS:** Close air intakes on roof during application.

**SECTION X-TRANSPORTATION DATA**

**BY GROUND:** DOT: Regulated SHIPPING NAME: Combustible Liquid, n.o.s., (contains mineral spirits).

HAZARD CLASS: Combustible Liquid LABEL REQUIRED: None

LMCO.: N/A NO.: 1993 CLASS: 3.3

**BY WATER:** SHIPPING NAME: Flammable Liquid N.O.S. (contains mineral spirits).

HAZARD CLASS: Flammable Liquid LABEL REQUIRED: Flammable Liquid

UN NO.: 1993 PACKAGING GROUP: III CLASS: 3.3

**US POSTAL SERVICE:** Mailability: None